

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

The present preliminary amendment is submitted to place the above-identified application in more proper format under United States practice. By the present preliminary amendment, the claims have been amended to no longer recite any multiple dependencies. The claims have also been amended to delete the term "consists" and recite the broader term "comprises". Further, the subject matter of the cancelled multiple dependencies is now set forth in new dependent Claims 9-16.

A new Abstract, believed to be in more proper format under United States practice, is also submitted herein.

The present application is believed to be in condition for a full and thorough examination on the merits. An early and favorable consideration of the present application is hereby respectfully requested.

Respectfully submitted,

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Marked-Up Copy
Serial No:
<u>09/869,302</u>
Amendment Filed on:
<u>10-19-01</u>

IN THE CLAIMS

--1. (Amended) Pollutant neutralising system contained in gases emitted in particular by internal combustion engines including a pyrolytic heat cell arranged to retain and destroy pollutants, through means presenting a very large exchange area at the temperature of pyrolysis with the said pollutants; characterised in that the means of neutralising by pyrolysis presenting a very large exchange area with the said pollutants, [consists of] comprise an assembly of spheres each containing, over its entire surface, numerous excrescences [(1, 2, 3)] for example of diamond point or similar type.

3. (Amended) Pollutant neutralising system in accordance with [claims 1 and 2] claim 1, characterised in that the spheres each containing, over their entire surface, numerous excrescences of diamond point or similar type, are machined from limestone rock.

5. (Amended) Pollutant neutralising system in accordance with claim 1, characterised in that the spheres all containing, over their entire surface, numerous excrescences, for example of diamond point or similar type, are stamped as halves [(6, 7)] from a sheet of metal 0.4 mm thick and then welded together.

6. (Amended) Pollutant neutralising system characterised in that the pyrolytic heat cell for neutralising pollutants, containing means with a large exchange area with the said polluting gases, these means [consist of] comprise a set of interchangeable electric heaters [(32)] wound on themselves as flat spirals and stacked in an insulated chamber [(30)].

7. (Amended) Pollutant neutralising system in accordance with [claims 1 and 5] claim 1, characterised in that the exchange and pyrolysis surface of the pyrolytic heat cell [(38)] [consists of] comprise an assembly of hollow metal spheres [(7)] furnished with excrescences [(1, 2 or 3)] filling its chamber [(39)].

8. (Amended) Pollutant neutralising system in accordance with [claims 1 to 4] claim 1, characterised in that the means presenting the exchange and pyrolysis surface of the heat cell [(44)] [consists of] comprise a set of mineral spheres furnished with excrescences [(1, 2 or 3)], enclosed in a stainless steel net [(47)] and put into the heat cell's chamber [(45)] after the insertion of flat rings [(50, 51)] intended to fragment by impact large unburnt or partially burnt particles or HC, [consisting of] comprising a mesh of stainless steel swarf, preferably arranged ahead of the pyrolysis spheres.

Claims 9-16 (New).--

IN THE ABSTRACT OF THE DISCLOSURE
(New).